

Obtaining an Analogue of Cocoa Butter, by M. K.
Yakubov. UKOL

RUSSIAN, per, Masloboyno-Zhirovaya Prom, Vol XXIV,
No 4, 1958, pp 19-22.

DSIR LIU RTS 1077

10s. 01.

Sci - Chem
Sep 59

95. 816

Quantitative Determination of the Glyceride Composition of Fats, by M. K. Yakubov.

RUSSIAN, per, Maslob Zhirov Prom, Vol XXI, 1956, pp 14-17.

INSDOC-1841

Sci

Aug 58

71,143

Conservation of Drinking Water Supplies ,
by A. A. Boyko, S. A. Yakubov

RUSSIAN, no per, Voenno Med Zhur,
No 12, Moscow, Dec 1958, pp 38-39

US JPRS 1297-N

USSR

Leon

Mar 59

81,943

Aeolian Soil Complex on Wind-Eroded Dark
Chestnut Sandy Loams, by Ye. A. Chakvetadze,
T. F. Yakubov, 6 pp.

RUSSIAN, per, Pochvovedeniye, No 7, 1962,
pp 46-51.

Scripta Technica

Sci

Jan 64

249,164

Effect of Wind Erosion Upon Some Physical and
Chemical Properties of Soils, by T.F. Yakubov,
5 pp.

RUSSIAN, ~~per~~, Pochvovedeniye, No 12, 1960, pp 71-75.

AIBS

Sci

Mar 62

187,844

New Contributions to the Study and Control of
Wind Erosion of Soils: I. Mechanism and
Dynamics of Wind Erosion, by T. F. Yakubov,
9 pp.

RUSSIAN, per, Pochvovedeniye, No 7, 1959,
pp 41-52.

AIBS

Sci

Jun 61

157, 24:

In Uneven Combat
By Col V. Yakubov pp 5

RUSSIAN, per, Voyennoy Vestnik, No 6, 1963

ACSI I-1614-F
ID 2201421

USSR-M11

Sep 63

344,914

In Uneven Combat
By Col V. Yakubov pp 5

RUSSIAN, per, Voyenny Vestnik, No 6, 1963

ACSI I-1614-F
ID 2201421

USSR-M11

Sep 63

344,914

Control of Wind Erosion of Soil, (Review of
Foreign Literature), by T. F. Yakubov, 7 pp.
RUSSIAN, per, Pochvovedeniye, No 8, 1963,
pp 83-93.

Scripta Technica

Sci
Oct 64

268,167

Synthesis of Some New Mixed Organometallic
Compounds of Tin, by ~~EM~~ Z. M. Manulkin,
F. A. Yakubova, 10 pp.

RUSSIAN, per, Uzbekskii Khim Zhur, No 6,
1962, pp 52-57.

CIA/FDD XX-1369
No Foreign Dissem

Sci-Chem
Jan 63
USIB Internal Use Only

534,263

An Attempt at Study of Inclusions in Minerals
of Murzinka (Ural) Pegmatites, by V. V.
Yakubova, 54 pp.

RUSSIAN, per, Trudy Mineral Museia Ak Nauk SSSR,
Vol VII, 1955, pp 132-150.

May 58

SLA R-1222

Dept of Interior
TN 7, E 57, No 224

64,529

Solution of Certain Matrix Inequalities
Encountered in Non-linear Control Theory,
by V. A. Yakubovic, 5 pp.
RUSSIAN, per, Dokl. Ak. Nauk SSSR, Sov Math,
Vol CLVI, No 2, 1964, pp 279-283.

Amer Math Soc
Sov Math - Doklady
Vol V, No 3

Sci
Oct 64

267,535

Syntheses of Vinyl Monomers. V. Syntheses of
Cyano-Substituted Acrylates, by A. Yakubovich, V.
Razumovskiy, S. Rozenshtein, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2292-2295.

CB

Sci - Chem
Oct 59

99,965

Effect of 2,4-dinitrophenol on biosynthesis of
the virus of tobacco mosaic, by A. Jakubovich, L.
Shlekhta, 5 pp.

CZECH, per, Chem Listy, 49, p 552-554, 1955.

SLA 58-594

Sci

Aug 59

94, 446

Concerning Viruses I. Isolation and Chemical Properties of the Rous Sarcoma Virus, by O. Lauchikova, A. Yakubovich, B. Kail', F. Shorn, 24 pp.

RUSSIAN, per, Czechoslovatskaia Biologiya, Vol III, No 5, 1954, pp 298-307.

NIH Tr No 126A

Scientific - Biology

30,833

A Method of Obtaining Fluorine Derivatives of
Silicon, Tin, and Sulfur, by A. A. Yakubovich,
S. P. Makarov, V. A. Ginsburg, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 4, 1958, pp 1036-1037.

Consultants Bureau

Sci - Chem
Jun 59

89,156

Use of Scintillation Counters in Radiometric
Equipment for Prospecting for Radioactive
Ore Deposits, by A.L. Yakubovich.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol
XXI, No 4, 1957, pp 636-.

Columbia Tech

Sci - Phys

Jul 58

68,580

Multicomponent Radiometric Analysis of Rock
Samples by Means of an LSU-5(Laura)
Scintillation Apparatus, by A. L. Yakubovich,
E. I. Zaitsev, 7 pp.

RUSSIAN, per, Atom Energiya, Vol XV, No 3,
1963, pp 224-229.

CB

Sci
Aug 64

264,788

Continuous Operation Amplifiers With Zero Drift Compensation
by the Method of Prim, by A. M. Yelshovich, 11 pp.
RUSSIAN, paper, Avtomat i Telemekh, Vol. XLIV, No. 4, 1963,
pp 1117-1129.

ISA

Sci
Feb 64

150,444

Synthesis of 2, 4, 6-Trialkyl and 2, 4, 6-Triaryl-
1, 3, 5-Triazines From Imine Esters, by
A. Y. Yakubovich, E. L. Zaitsev, Et al.

RUSSIAN, per, Zhur Vses Khim Obshch i Mend. D. I.
Mendeleeva, Vol VII, 1962, pp 229-230.

AFC/SCL-R-42

Sci - Chem

Apr 63

226,779

Synthesis of Aliphatic Compounds of Elements by a
Diazo Method. Synthesis of Compounds of Group III
Elements: Organo-Thallium and Boron Gr Compounds,
by A. Ya. Yakubovich, V. A. Ginsburg.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIII, No 5,
1950, pp 957-958.

NLL RTS 1950

Sci - Chem

188,939

Mar 62

Synthesis of Vinyl Monomers. .. Anhydrides of
Methacrylic Acid, by A. Ya. Yakubovich, L. I. Mulla
M. V. Bazilevskiy, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol. XXX, No 4, 1960,
pp 1274-1276.

CB

Sci

153,901

June 1961

The Radical (SO_2Cl_2) Its Structure and Reactions
by A. Ya. Yakubovich, Yu. M. Zinov'ev.
RUSSIAN, per, Zhurnal Obshchei Khimii,
Vol XVII, No 11, 1947, pp 2028-2047.

SLA TT 64-16329

May 67

A. Ya. Yakubovich
327,192

The Fluorination of Silver and Potassium Cyanates,
by A. Ya. Yakubovich, M. A. Englin, S. P.
Makarov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 7,
1960, pp 2374-2377.

SLA 61-10017

Sci

Apr 61

146,200

A Contribution on the Catalytic Halogenation of
Phenyltrichlorosilane, by A. Ya. Yakubovich, G. V.
Motsarev, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 7,
1959, pp 2395-2400.

CB

Sci

Sep 60

126,632

PREPARATION, PYROLYSIS AND PHOTOLYSIS OF
POLYFLUORINATED ALIPHATIC AZO COMPOUNDS, BY V. A.
GINSBURG, A. YA. YAKUBOVICH, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 1,
1962, PP 88-91.

CB

SCI - CHEM
OCT 62

212,123

HETEROLYTIC CONVERSIONS OF POLYFLUORINATED
AZOALKANES, BY V. A. GINSBURG, A. YA. YAKUBOVICH, 5
PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2,
1962, PP 354-357.

CB

SCI - CHEM
OCT 62

212,126

REACTIONS OF POLYFLUORINATED NITROALKANES WITH
AMINES, BY S. P. MAKAROV, A. YA. YAKUBOVICH,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2,
1961, PP 357-361..

CB

SCI
AUG 62

205,809

PYROLYSIS AND PHOTOLYSIS OF POLYFLUORONITROSO-
ALKANES. THE REACTION OF NITROSO COMPOUNDS WITH
NITRIC OXIDE, BY A. YA. YAKUBOVICH, S. P.
MAKAROV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOLCXLI, NO L,
1961, PP 125-128.

CB

SCI
AUG 62

205,806

Synthesis and Properties of Trifluoroacrylic
Acid Derivatives, by A. Ya. Yakubovich,
S. M. Rozenshtein, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 6,
1961, pp 1995-1999.

CB

Sci

201,904

Jun 62

Methylolhalomalonates, by A. Ya. Yakubovich,
I. N. Belyayeva, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 7,
1961, pp 2119-2121.

CB

Sci
13 Jun 62

200,410

OXIDATION, RADUCTION, AND DISPROPORTIONATION
REACTIONS OF POLYFLUORONITROSOALKANES, BY
A. YA YAKUBOVICH, V. A. GINSBURG,

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXL, NO 6,
1961, PP 1352-1355.

CB

SCI
JUL 62

204,387

X-Ray Spectral Analysis by Means of Tu^{170} Used in
Conjunction With Differential Filters, by A. Yu.
Yakubovich, V. Yu. Zaleskiy, 7 pp.

RUSSIAN, per, Zavod Lab, Vol. XXVII, No 6, 1961,
pp 713-720.

ISA

Sci
May 62

194,692

Production, ~~Ex~~ Pyrolysis and Pholysis of
Polyfluorinated Azo Compounds of the Aliphatic
Series, by V. A. Ginsburg, A. Ya. Yakubovich,
A. S. Filatov, 8 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXLII, No 1,
1962, pp 88-91.

Navy Tr 3184/AFL T-299

Sci - Chem

204, 672

Jul 62

Yakubovich, A. Ya. and Ginsburg, V. A.
SYNTHESIS OF ALIPHATIC ORGANIC COMPOUNDS
OF ELEMENTS BY A DIAZO METHOD. SYNTHESIS
OF COMPOUNDS OF GROUP III ELEMENTS:
ORGANOTHALLIUM AND BORON COMPOUNDS.
Sep 61 [5]p. 8 refs. RTS 1950.
Order from OTS or SLA \$1.10

61-28027

Trans. of Akademiya Nauk SSSR. Doklady, 1950,
v. 73, no. 5, p. 957-958.

DESCRIPTORS: *Aliphatic compounds, *Organic Com-
pounds, *Thallium compounds, *Boron compounds,
Synthesis, Azo radicals, Methyl radicals, Ethanes,
Chlorides, Chemical reactions.

(Chemistry--Organic, TT, v. 6, no. 10)

61-28027

- I. Yakubovich, A. Ya.
- II. Ginsburg, V. A.
- III. RTS-1950
- IV. Department of Scientific
and Industrial Research
(Gt. Brit.)

Office of Technical Services

Yakubovich, A. Ya., Gordon, G. Ya. and others:
PROCESS FOR THE PREPARATION OF POLYCAR-
BONATES, tr. by J. M. H. 18 Aug 61, 1p.
Order from OTS or SLA \$1.10 61-28088

Trans. of Russian author's certificate 136,048, cl.
39-c, appl. 11 June 60, approved for printing
7 Mar 61.

DESCRIPTORS: *Carbonates, *Polymers, Synthesis,
Molecular weight, Condensation reactions.

A process is described for the preparation of polycar-
bonates by phosgenating diphenyl propane by hetero-
phase polycondensation. The process is character-
ized in that for the purpose of increased mean molec-
ular weight, the obtained polymer is subjected to final
condensation in a melted state at a temperature of
240-270°.

(Chemistry--Organic, TT, v. 6, no. 12)

61-28088

- I. Yakubovich, A. Ya.
- II. Gordon, G. Ya.
- III. Patent (USSR) 136 048
- IV. Patent Office, Washington,
D. C.

53

Office of Technical Services

Synthesis of Heteroorganic Compounds of the Aliphatic Series by the Diazo Method. VIII. Synthesis of Compounds of Group V Elements. Organophosphorus Compounds. Experiments on the Synthesis of Di- and Trihaloalkylphosphines and Some Reactions of Chloroalkyl Derivatives of Phosphorus, by V. A. Ginsburg, A. Ya. Yakubovich, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 3, 1958, pp 728-735.

Consultants Bureau

Sci-Chem

May 59

87,381

Syntheses of Vinyl Monomers. IV. Fluorine-
Substituted Acrylates, by A. Ya. Yakubovich,
N. A. Bogoslovskiy, E. P. Pravova, S. M. Rozenshtein.
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2288-2291.

CB

Sci - Chem
Oct 59

99,964

Synthesis of Vinyl Monomers. III. Synthesis of
Compounds with a Carbonyl Group, by A. Ya.
Yakubovich, V. V. Razumovskiy and I. N. Belyayeva,
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 3,
1958, pp 680-681.

Consultants Bureau

Sci - Chem

May 59

87,368

Yakubovich, A. Ya. and Klimova, V. A.
ON THE REACTION OF ETHYLENE DIAMINE WITH
CARBON DISULFIDE AND ON ETHYLENE-DI-ISO-
THIOCYANATE [O Vzaimeidistvii Etilendiamina s
Serouglerodom to Etilendilzototsyanate]. [1964] [14p]
Srefs

Order from OTS, SLA, or ETC \$1.60 TT-64-10764

Trans. of [Zhurnal Obshchei Khimii] (USSR) 1939, v. 9
[no. 19] p. 1777-1782.
Other translations are available in Dutch from OTS or
ETC \$1.40 as TT-61-17714, MTWL-144, Sp: in English
from ATS as RJ-72.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-10764

I. Yakubovich, A. Ya.
II. Klimova, V. A.
III. ATS-RJ-72

283523

Office of Technical Services

Yakubovich, A. Ya. and Klimova, V. A.
ON THE REACTION OF ETHYLENE DIAMINE WITH
CARBON DISULFIDE AND ON ETHYLENE-DI-ISO-
THIOCYANATE [O Vzaimodeistvii Etilendiamina s
Serouglerodom i Etilendilizototsyanate]. [1964] [14p]
Srefs

Order from OTS, SLA, or ETC \$1.60 TT-64-10764

Trans. of [Zhurnal Obshchei Khimii] (USSR) 1939, v. 9
[no. 19] p. 1777-1782.

Other translations are available in Dutch from OTS or
ETC \$1.40 as TT-61-17714, MTWL-144, 5p; in English
from ATS as RJ-72.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-10764

I. Yakubovich, A. Ya.
II. Klimova, V. A.
III. ATS-RJ-72

283523

Office of Technical Services

Halogenation of Aromatic Silanes. III. Preparation and Properties of Some Chloro- and Bromo-Derivatives of Benzyltrichlorosilane, by G. V. Motsarev, A. Ya. Yakubovich, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 9, Sep 1956, pp 2622-2630.

Consultants Bureau

Sci - Chemistry
Feb 58

58,964

Syntheses of Vinyl Monomers. III. Concerning the
Syntheses of Vinyl Esters From Aceto- and Chloro-
mercuriacetaldehydes and Concerning the Mechanism of
These Reactions, by A. Ya. Yakubovich, V. V. Razumovskiy,
Z. N. Vostrukhina, S. M. Rozenshtein, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 7,
1958, pp 1930-1936.

Consultants Bur

Sci - Chem

96,883

Synthesis of Aliphatic Elementoorganic Compounds by the Diazo Method. VII. Synthesis of Compounds of Group V Elements - Organophosphorus Compounds. Trichloromethylchlorophosphinic Acid and Its Transformations, by A. Ya. Yakubovich, V. A. Ginsburg, 6 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 12, 1954, pp 2250-2256. CIA 542762 C, reel 3.

Consultants Bureau

Sci - Chemistry
Aug 56 OTS

37,678

The Reaction of Hydrazine with Carbon Disulfide
Experiments on the Synthesis of Diisothio-
cyanogen, by. A. Ya. Yakubovich, V. A. Ginsburg,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol. XXVIII,
No 4, 1958, pp 1031-1035.

Consultants Bureau

Sci - Chem
Jun 59

89,155

Halogenation of Aromatic Silanes. II. Preparation
and Properties of Chloro Derivatives of
Diphenyldichlorosilane, by A. Ya. Yakubovich, G. V.
Motsarev, 11 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 5,
May 1956, pp 1413-1425.

Consultants Bureau

Sci - Chemistry
May 57

47,305

Addition of Nitrosyl Chloride to Fluorinated
Olefins. II. by A. Ya. Yakubovich, V. A.
Shpansky, A. L. Lemke, 8 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol
XXIV, No 12, 1954, pp 2257-
CIA 542762 C, reel 3.

Consultants Bureau

Scientific - Chemistry
Aug 56 CTS

37,679

Organic Fluorine Compounds With Functional Groups
(Aliphatic Series), by A. Ia. Yakubovich, 53 pp.

RUSSIAN, no per, Uspekhi Khim, Vol XXV, No 1, 1956
pp. 3-56.

Tech and Comm Tr

Sci - Chemistry

37,081

Aug 56 CTS/Dex

The Reaction Between Nickel Carbonyl and Monosilyl
Acetylenes, by A. Ya. Yakubovich, E. V. Volkova,
8 pp.

RUSSIAN, three paper, Dokl Ak Nauk SSSR, Vol LXXXIV,
No 6, 1952, pp 1185-1186.

Tr Center
A-1714

39,136

Sci - Chemistry
Sep 56 CTS/asm

Acetylation of Alpha-cyanohydrins, by A. I. A.
Yakubovich, V. A. Rudenko, E. N. Merkulova, 12 pp.

RUSSIAN, per, Zhur. Prikladnoi Khim., Vol XXI, No 2,
1948, pp 151-155.

Sci Trans Center RT-2567

USSR

Scientific - Chemistry

28,269

Nov 55
CTS/DEX

Synthesis of Elementary-Organic Compounds of
The Aliphatic Series by the Diazo Method, VI.
Synthesis of Compounds of Group-V Elements:
Organophosphorus Compounds. Trichloromethyl
Phosphinic Acid and Its Derivatives, by A. IA.
Yakubovich, V. A. Ginsburg, 22 pp.

RUSSIAN, mo, per, Zhur Obsch Khim, ~~KHIM~~
Vol XXIV, No 8, 1954, pp 1465-1473.

Sci Trans Center RT-3276

Sci - Chemistry

32,081

041477

Halogenation of Aromatic Silanes. I. Preparation
and Properties of the Chloro Derivatives of
Phenyltrichlorosilane, by A. Ya Yakubovich,
G. V. Metsarev, 8 pp.

Full tr

RUSSIAN, no per, Zhur: ~~zh~~ Obshch Khim, Vol XLVI, No 2,
1956, pp 568-576. CIA 5007073 C, Reel No 64

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41, 728

Halogenation of Aromatic Silanes, V. Preparation and Properties of Chlorobenzyl- and Chloro-p-tolyltrichlorosilanes Containing Chlorine Atoms in the Aliphatic Part of the Radical, by G. V. Motearev, A. Ya. Yakubovich, r^4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 10, 1957, pp 2786-2789.

Consultants Bureau

Sci - Chem
Jan 59

78,970

Synthesis of Organo-Elemental Compounds by the Diazo Method. V. Synthesis of Compounds of Elements of the IV Group - Organo-Lead Compounds, by A. Ya. Yakubovich, E. N. Merkulova, S. P. Makarov, G. I. Gavrilov, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 11, 1952, pp 2060-2062.

Consultants Bureau

Scientific - Chemistry

May CTS/DEX

12,221

The Effect of Factors From Neoplastic Tissue Extracts
Containing Labile Sulfur on Tumor Development and on
the Activity ~~XXXXXX~~ of the Host's Liver Catalase, by
F. Shorm, A. Yakubovich, 6 pp.

RUSSIAN, per, Biokhim, Vol XXII, No 5, 1957, pp 849-
854.

Consultants Bureau

Sci - Med

Jul 58

66,829

On the Liquid-Phase Catalytic Chlorination of
Methylchlorosilanes, by G. V. Motsarev, A. L.
Englin, A. Ya. Yakubovich, I. N. Uspenskaya,
N. G. Ivanova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1336-1337.

Consultants Bureau

Sci - Chem
Jul 59

93, 308

Synthesis of Vinyl Monomers. I. α -Substituted
Derivatives of Vinylphosphonic Acid, A. Ya.
Yakubovich, L. Z. Soborovskiy, L. I. Kulag,
V. S. Fayermark, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 2,
1958, pp 317-319.

Consultants Bureau

Sci - Chem

Apr 59

85,655

The Influence of the Nature of the Catalyst Upon
the Course of the Reaction of Destructive Halogena-
tion of Phenylchlorosilanes, by A. Ya. Yakubov-
vich, G. V. Motsarev, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 9,
Sep 1955, pp 1748-1752. CIA C 42158.

Consultants Bureau

Sci - Chemistry

35,469

Jun 1956/Dex

The Problem of Metalloorganic Compound Formation
by Interaction of an Aromatic Silane With Metal
Chlorides. III. Formation of the Organocantimony
Compound by Interaction of ~~Hex~~ Phenyl Chloro-
silane With $SbCl_5$, by A. Ya. Yakubovich, G. V.
Motsarev, ~~pp~~ 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No. 8,
1953, pp 1414-1416. CIA D 182340

Constituents Bureau

Scientific - Chemistry
Dec 54 CTS/DEX

200, 103
CIA XX-555
CIA Internal Use Only

Formation of Organo-Metallic Compounds by the
Reaction of Aromatic Silanes With Metallic
Chlorides. II. Formation of Organo-Iron
Compounds by the Reaction of Phenylchlorosilanes
With Ferric Chloride, by A. Ya. Yakubovich,
G. V. Motsarev, 5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 6, Jun 1953, USSR, pp 1059. *CIA D 182.359*

Consultants Bureau

Scientific - Chemistry .CTS/DEZ

18,729

The Problem of the Formation of Organometallic Compounds by Reaction of Aromatic Silanes With Metallic Chlorides. I. Formation of Organoaluminum Compounds by Reaction of Phenylchlorosilanes With $AlCl_3$, by A. Ya. Yakubovich, G. V. Motsarev, 6 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 5, 1953, pp 771-776. CIA D 182358

Scientific - Chemistry

Consultants Bureau

NIH-D151160

CTS/DEX

17.660

Characteristics of the Bromination of Phenyl-
trichlorosilane, by A. Ya. Yakubovich, G. V.
Kotsarev, 6 pp. UNCLASSIFIED

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 3,
Mar 1953, pp 412-416.

Consultants Bureau

Scientific - Chemistry

13, 227

The Diazo Method of Synthesis of Organo-Elementary
Compounds of the Aliphatic Series, by A. Ya.
Yakubovich, V. A. Ginsburg, 68 pp.

RUSSIAN, per, *Uspekhi Khim*, Vol XX, No 6, 1951,
pp 734-758. *0151311*

WII

Scientific - Chemistry
~~Max~~ 55 CTS

APR

23,485

The Reaction of Ethylenediamine with Carbon
Disulfide. Ethylene Diisothiocyanate, by
A. Ya. Yakubovich, V. A. Klimova, UNCLASSIFIED

Q
RUSSIAN, per, Zhur Obshch Khim, Vol 9, 1939,
pp 1777-1782.

Assoc Tech Ser, RJ-72
Price: \$11.25 (\$1.50)

Scientific - Chemistry

17,847

7
Synthesis of Organo-Element Compounds of the
Aromatic Series by the Reaction of the Aryl Silanes
With Aluminum Chloride and the Halogenides of Various
Elements. I. Organo-Phosphorus Compounds, by A.
Ya. Yakubovich, G. V. Motsarev, 16 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 9,
1953, pp 1547-1552. *D151162*

20,039

NDH

Consultant to R. Weiss

Scientific - Chemistry

Dec 54 CTS/DEX

Synthesis of Organcelement Compounds of the Aliphatic Series by the Diazo Method. III. Synthesis of Compounds of Group IV Elements - Organesilicon Compounds, by A. Ya. Yakubovich, V. A. Ginsburg. 7 pp.

Russian, no per, Zhur Obshch Khim, Vol XXII, No 10, 1952, pp 1783-1787.

RT-3469
Consultants Bureau

Scientific - Chemistry
XX

14,488

Synthesis of Organoelement Compounds of the Aliphatic Series by the Diazo Method. IV. Synthesis of Compounds of Group IV Elements - Organotin Compounds, by A. Ya. Yakubovich, S. P. Makarov, and G. I. Gavrilov. 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 10, 1952, pp 1788-1793.

Consultants Bureau

Scientific - Chemistry

14,488

The Nature of the Influence of Halides of Metals
on the Variation of the Orienting Effect of the
Silyl Chloride Group and the Mechanism of Their
Dearylating Effect, by A. Ya. Yakubovich, G. V.
Motsarev, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XIX,
No 6, 1954, pp 1015-1018.

CIA/FDD/X-XX 1698

Scientific - Chemistry

CTS 69/Jun 55

24, 815

Synthesis of Elementary Organic Compounds of the
Aliphatic Series by the Diazo Method. II. Synthesis
of Compounds of the Elements of Group V - the Organo-
Phosphorus Compounds, by A. Ya. Yakubovich, V. A.
Sinsburg, 28 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXII, No 9,
1952, pp 1534-1542.

NIH

Scientific - Chemistry

Dec 53

CTB/DEX

8455

Synthesis of Elementary Organic Compounds of the
Aliphatic Series by the Diazo Method. I. Synthesis
of the Compounds of Elements of Group V - Antimony,
Arsenic, and Bismuth Organic Compounds, by
A. Ya. Yakubovich, S. P. Makarov, 19 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXII, No 9,
1952, pp 1528-1534.

NIE

Scientific - Chemistry

Jan 54 CTS

8387

Oxy- and Methoxy-Substituted Acridines, by S. M. Sherlin,
G. I. Dras, A. Ya Yakubovich, E. I. Vorob'eva,
F. E. Rabinovics.

Full translation.

RUSSIAN, as per, Zhur Obsch Khim, Vol VIII, No 10,
USSR, 1938, pp 884-898.

AEC Tr 1382

Scientific - Chemistry, Oxy-, Methoxy, Acridines

Rep 52 CTS/DEX

4 1025

Contact Method of Production of Acetaldehyde from
Acetylene in the Vapor Phase, by A. Ya. Yakubovich
et al.

RUSSIAN, no per, Zhur Prikl Khim, Vol XVII, 1946,
USSR, pp 973-988.

Assoc Tech Sv RJ-64

Sci - Chemistry \$28.20 (\$3.90)

Aug 54

17,132

Halogenation of Aromatic Silanes. IV. Preparation and Properties of Chloro and Bromo Derivatives of p-Tolyltrichlorosilane, by G. V. Kotsarev and A. Ya. Yakubovich, 10 pp.

RUSSIAN, per, Zhur Goshch Khim, Vol XXVII, No 5, 1957, pp 1318-1329.

Consultants Bureau

Sci - Chem

Sep 58

7.2, 882

Formation of Organo-Aluminum Compounds in the
Reaction of Phenylchlorosilanes With $AlCl_3$,
by A. Ya. Yakubovich, G. V. Motsarev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVIII, No 1,
1953, USSR, pp 87-89.

Assoc Tech Sv RJ-110

Sci - Chemistry

\$4.00 (\$0.75)

Aug 54

17,116

Yakubovich, A. Ya., Ginsburg, V. A., and
Makarov, S. P.
A METHOD FOR PREPARING FLUORO DERIVATIVES
OF PHOSPHORUS. 19 July 61 [4]p. 2 refs.
Order from OTS or SLA \$1.10 61-18692

Trans. of #Zhur[nal] Obshchei Khim[ii] (USSR) 1961,
v. 31 [no. 5] p. 1517-1518.

DESCRIPTORS: Heating, *Phosphorus, *Fluorides,
Phosphoric acids, Acetyl radicals, Acetates, Alkyl
radicals, Alkoxy radicals, Disproportionation.

Experiments showed that, on heating alkoxy derivatives
of phosphorus with acetyl fluoride, disproportionation
takes place, leading to formation of the acid fluorides
of the corresponding acids of phosphorus and of alkyl
acetates.

(Chemistry--Organic, TT, v. 6, no. 9)

61-18692

I. Yakubovich, A. Ya.
II. Ginsburg, V. A.
III. Makarov, S. P.

Office of Technical Services

Study of The Abrasion Resistance Of Polyurethane Films, by
D. S. Yakubovich, A. T. Sanzharovskii, P. I. Zubov, A. V.
Uvarov.

RUSSIAN, per, Lakokrasochnye Materialy i Ikh Primenenie
(USSR), 1964, p34-9
TTIS-202 872, TTIS-NS-451

D. S. Yakubovich

544,918

Extraction as a Means of Recovering
Uranium and Rare Metals From Water
Solutions, by B. N. Laskorin, E. A.
Yakubovich, 13 pp.

RUSSIAN, per, Atomnaya Energiya, Vol XII,
No 6, 1962, pp 503-513. 9069039

AEC Tr-5327

Sci - Min/Met
Dec 62

217,477

Averaged Laser Equations and their Stationary
Solutions, by L. A. Ostrovskiy, B. I. Yakun-
bovich, 5 pp.

RUSSIAN, per, Zhur Eksp. i Teor. Fiz.,
Vol XLVI, No 3, 1964, pp 963-969.

Amer Inst of Phys
Soviet Phys - JETP
Vol XIX, No 3,

Sci
Oct 64

REVISION REQUIRED IN RAILROAD REGULATIONS, BY
I. POLISHCHUK, I. YANUSHCHIK, 9 PP.

RUSSIAN, PER, MIRODNOYE IZDAVATSTVO KAZAKHSTANA,
NO 9, IN 1962, PP 61-63.

JMS 18/99

USSR
ECON
APR 63

226, 241

75
Application of Ultrasonics in Nonferrous Metal
Technology, by I. A. Yakubovich, et al, 11 pp.
RUSSIAN, per, Izvestiya Vyschikh Uchebnikh
Zavodov. Tsvetnaya Metallurgiya, No 4, 1964,
pp 23-29. F100060268-Y
FTD-MT-65-20
WE 4463

Sci-Met
Apr 68

352,264

I. A. Yakubovich

Decantation Processes in the Hydrometallurgy
of Uranium, by I. A. Yalubovich, 7 pp.

RUSSIAN, per, Atom Energiya, Vol XIV, No 2,
1963, pp 206-212.

CB

Sci
May 64

~~250~~
260,006

Particle-Size Distribution of the Disperse Phase in
a Polydisperse Aerosol System, by M. M. Yakubovich,
4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 6, 1960,
pp 748-751.

CB

Sci
24 Jul 62

203,996

(DC-6942)

THE SOLUTION OF CERTAIN MATRIX INEQUALITIES IN
AUTOMATIC CONTROL THEORY, BY V. A. YAKUBOVICH,
9 PP.

RUSSIAN, PER, DOK AK NAUK SSR, VOL CXLIII, NO 6,
1962, PP 1304-1308.

JPRS 14888

SCI - ELECTRONICS

AUG 62

208,992

FREQUENCY CONDITIONS FOR ABSOLUTE STABILITY OF
CONTROLLABLE SYSTEMS WITH HYSTERESIS NON-LINEARITIES,
BY V. A. YANBOVICH, 6 PP.

RUSSIAN, PER, DOKLADY AKADEMII NAUK SSSR, VOL. CKLIX,
NO 2, 1963, PP 288-291.

JPRS 19667

SCI - MISC (CYBERNETICS)
JUL 63

235,073

Absolute Stability of Nonlinear Control Systems in
Critical Cases. I.
By V. A. Yakubovich, pp. 10

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV,
No 3, 1963, pp. 293 - 303

ISA

Sci

Oct 63

240-888

Absolute Stability of Nonlinear Control Systems in
Critical Cases. II, by V. A. Yakubovich, 14 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV, No 5,
1963, pp 717-731.

ISA

Sci
Jan 64

246,034

Absolute Stability of Nonlinear Control Systems in
Critical Cases. II., by V. A. Yakubovich, 14pp.

RUSIAN, per, Avtomat i Telemekh, Vol XXIV, No 6,
1963, pp 727-731.

IBA

Sci
Jan 64

245, 888

Yakubovich, V. A.

ON ONE CLASS OF NONLINEAR DIFFERENTIAL
EQUATIONS. [1961] [8]p. 5 refs.
Order from OTS or SLA \$1.10

62-10171

Trans. of Akademiya Nauk SSSR. Doklady, 1957,
v. 117, no. 1, p. 44-46.

Another trans. is available from OTS \$1.10 as
AD-264 069, STL-TR-61-5110-18, May 61, 8p.

DESCRIPTORS: *Non-linear differential equations,
Theory, Matrix algebra, Vector analysis, Numbers,
Special functions.

Lur es method for determining the stability in the
large of solutions of nonlinear differential equations in
invariance form is presented. The question of stabili-
ty is considered in the large of the null solution,
x equals S equals 0, of the following system of dif-
(Mathematics, TT, v. 8, no. 9)

(over)

62-10171

I. Yakubovich, V. A.

0225862

Office of Technical Services

The Structure of the Function Space of Complex
Canonical Equations With Periodic Coefficients, by
V. A. Yakubovich, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, 1961,
pp 54-57.

Amer Math Soc

Sci

201,053

Jun 62

Nonlinear Differential Equations of the Automatic
Regulation System Having a Single Regulating Member,
by V. A. Yakubovich, 30 pp.

RUSSIAN, per, Vest Leningrad U, No 7, 1960,
pp 120-153.

ARS
Vol XXXI, No 1.

Sci-Phys

Mar 61

141,734

Yakubovich, V. A.
ON NONLINEAR DIFFERENTIAL EQUATIONS OF
AUTOMATIC REGULATION SYSTEMS WITH ONE
CONTROL ELEMENT. [1961] [64]p. 10 refs.
Order from OTS or SLA \$6.60 61-16547

Trans. of Leningrad U. Vestnik (USSR) 1960 [v. 15]
no. 7, Seriya Matematiki, Mekhaniki i Astronomii
[no. 2] p. 120-153.

DESCRIPTORS: Automatic, *Control systems,
Numerical methods and procedures, Stability, *Non-
linear differential equation, Matrix algebra, Algebra,
Tensor analysis.

A strict mathematical foundation is presented for the
method of A. I. Lur'e (Some nonlinear problems in
the theory of automatic control, Moscow, 1951;

(Engineering--Electronic, TT, v. 7, no. 5) (over)

61-16547

I. Yakubovich, V. A.

194982

Office of Technical Services

60
Reviews that can be seen in Patogama
Patterns, by V. A. Yakubovich, 45 pg.
Soviet, per, Leningrad Univ. Katedra
Ychis Foto i Ychis Yestir Motovy Ychis.
No 2, 1983, pp 55-131. 1987855
VTD-TT-05-198

Sci - Biol & Med Sci
Aug 85

287,551

The Small Parameter Method for Canonical Systems With
Periodic Coefficients, by V. A. Yakubovich, 27 pp.

RUSSIAN, per, Prikl Mat i Mekh, Vol XXXIII, No 1,
1959, pp 15-24.

31

PP

Sci - Math
Oct 59

99,094

Study of the Reaction of Methyl Orthosilicate
with Organomagnesium Compounds. Synthesis of
Alkylmethoxysilanes, by M. G. Voronkov, A. Ya.
Yakubovskaya, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,
No 6, 1955, pp 1124-1127.

Consultants Bureau

Scientific - Chemistry

41,337